PHILIP MORRIS U.S.A.

INTEROFFICE CORRESPONDENCE

Richmond, Virginia

To: Distribution **Date**: September 15, 1997

From: J. M. Garman

Subject: **Massachusetts Study on Kentucky Reference Cigarettes**

Below is the process to follow for the determination of smoke parameters on the four Kentucky Reference cigarettes (2R1F, 1R3F, 1R4F, 1R5F), Request Code SPCL-18-NR:

Preparation of Cigarettes

1. Open all 17 packs of each brand.
2. Place eight cigarettes in the tray labeled without the taping suffix.
3. Place six cigarettes in each of the other two trays, (labeled -HT and -T). Add an additional eight cigarettes to each tray, obtained from the tray in Step 2 for a total of 110 cigarettes in each of these trays.
4. Mark all cigarettes to the FTC insertion and butt lengths.
5. All cigarettes in the trays designated -HT (half taped) are to be taped using ½" Scotch 600 tape. The tape should be applied length-wise starting from where the tipping paper meets the cigarette rod down to the filter end of the cigarette. Use a razor blade to trim any protruding Scotch tape.
6. All cigarettes in the trays designated -T (taped) are to be taped using 1" Scotch 600 tape. The tape should be applied around the tipping paper making sure to cover the entire tipping paper surface.

Physical Testing

1. After equilibration, perform 100 replicates of vent. and total RTD on each version of each brand. **The operator needs to be very careful not to damage the cigarettes.**
2. Perform 100 replicates of circumference only on the non-taped version of each brand.
3. **Return all cigarettes to the equilibration tray and return to the plenum.**

Smoking

1. Prepare smoking runs grouping all non-taped versions together, all half taped (-HT) versions together, and all taped (-T) versions together.
2. Number of cigarettes per port is: **5 for non-taped, 4 for half taped, and 3 for taped.**
3. The number of monitor (IM#16) cigarettes per port should match the number of cigarettes per port for the samples on that run.
4. The cigarettes are to be smoked for TPM, puff count, and CO on Filtrona #58.

GC

1. Correct cigarettes per port on monitors on -HT (4 cigarettes) and -T (3 cigarettes) smoking runs.

JM Garman

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